



City of Chattanooga Water Quality Credits

Low Impact Development (LID; up to 75%)

Requirements:

- 1) Multi-family residential or Non-residential site with 3 ERUs or more.
 - 2) A maximum of 75% credit will be offered for the installation and proper maintenance of green storm water controls such as green roofs, cisterns/rain barrels, bio-retention areas (rain gardens), bio-swales, constructed wetlands, porous pavement, grass strips, or other proven LID's approved by the City Water Quality Manager.
 - (i) Cisterns/rain barrels must be capable of capturing the runoff from at least one (1) inch rainfall over the entire impervious area. Captured runoff shall be connected to an irrigation system or similar re-use system.
 - (ii) Bio-retention areas, when used in conjunction with other LID or green storm water controls, shall be eligible for:
 - Up to 65% credit when controlling the 1, 2, 5, 10, 25 year storm flow event.
 - Up to 70% credit when controlling the 1, 2, 5, 10, 25, 50 year storm flow event.
 - Up to 75% credit when controlling the 1, 2, 5, 10, 25, 50, 100 year storm flow event
 - (iii) Filter strips and swales designed in compliance with the BMP Manual adopted by the City shall be eligible for up to 15% credit.
 - 3) The City of Chattanooga Water Quality Office, in conjunction with the Land Development Office, require a licensed Landscape Architect to design and seal the planting plans for ALL rain gardens, bio-retention, and constructed wetlands, etc.
 - 4) As-built drawings must be submitted with the credit application. One-time additional credit (up to 10%, not to exceed cap) will be given for submitting as-built drawings. See http://www.chattanooga.gov/Files/as-built_requirements.pdf for requirements.
 - 5) Credit will be determined by the percentage of site drainage that flows to the structures; design of BMP; if the BMPs are used in a treatment train and level of pollutant (e.g. solids) removal.
 - 6) The practices must be installed and maintained per city requirements.
 - 7) You can also apply for other credits such as **Tree Planting, Retrofit/ Mitigation, or Water Quality Devices.**
- * For yearly credit renewal, Inspection and Maintenance Reports MUST be received by the Office of the City Water Quality Manager (preferably through email to**

ChattanoogaWQ@Chattanooga.gov) no later than June 30th of the corresponding Tax Year.
Disjunct Areas: A maximum of 25% credit can be given for sites with disjunctive imperviousness that is separated from main impervious areas (buildings, driveway, etc.) by open green spaces. Disjunctive imperviousness will normally not result in any concentrated runoff. This will apply to trails, narrow paths, and off-road travel ways.
The open green space must NOT have discrete conveyances.

Required Documents:

* Completed **BMP (Permanent Stormwater Control Structures) Credit Application Form:**
http://www.chattanooga.gov/Files/FormB_BMPCreditApplicationForm.pdf

* Include **Site Drainage Map** showing drainage patterns and location of each BMP.

* **Completed BMP Inspection & Maintenance Plan.** Use this as an **Example Only:**
http://www.chattanooga.gov/Files/BMP_Insp_Maint_Plan.pdf

* It is required to have a **routine inspection/maintenance** of the devices with at least **quarterly** inspection to **continue to receive credits**.
See this http://www.chattanooga.gov/Files/Typ_BMPs_MAINT_GUIDELINES.pdf for guidance.

DISCLAIMER:

- * It is the responsibility of the User to apply for fee credits and to provide the necessary substantiating information with the credit application.
- * The City shall not be responsible for initiating applications, performing engineering calculations, or otherwise providing technical information with the preparation of credit applications.
- * Credit can be revoked or reduced at any time that it is determined by the City that the property stormwater plans, stormwater control structures, or other BMPs are not performing to the credit standard, that the qualified control structures are not being maintained to function as designed, or that the qualified control structures no longer meet the purpose of the credit.
- * To receive credits, all properties must be in compliance with all city requirements and State of TN stormwater regulations.